

Applicant: Claude FELL

Serial No.: 09,869,131

Filed: July 30, 2001

For: **BLOOD SEPARATION SYSTEM PARTICULARLY FOR  
CONCENTRATING HEMATOPOIETIC STEM CELLS**

Group Art Unit 1723

Examiner:

**BOX NON-FEE AMENDMENT**  
**Assistant Commissioner for Patents**  
**Washington, D. C. 20231**2. Transmitted herewith is an amendment for this application.  
Applicant is☐ a small entity - verified statement:☐ attached  
☐ already filed.☒ other than a small entity.☐ No additional fee for claims is required.

The fee for claims (37 CFR 1.16(b)-(d)) has been calculated as shown below:

	COL. 1		COL. 2	COL. 3	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	
Total	22	Minus	24**	0	x
Independent	3*	Minus	3***	0	x
<input type="checkbox"/> First presentation of Multiple Dep. Claim					

## SMALL ENTITY

Rate	Addit Fee
\$ 9	\$0
\$40	\$0
\$135	\$0
<b>TOTAL</b>	<b>\$0</b>

OTHER THAN A  
SMALL ENTITY

Rate	Addit Fee
\$18	\$0
\$80	\$0
\$270	\$0
<b>TOTAL</b>	<b>\$0</b>

\* If the entry in Col. 1 is less than entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest No. Previously Paid for" IN THIS SPACE is less than 20, enter "20".

\*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest No. Previously Paid For" (Total or indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

☐ Charge Account No. 08-1650 the sum of \$\_\_\_\_\_ A duplicate of this transmittal is attached.☐ A check in the amount of \$\_\_\_\_\_ is enclosed for the time extension fee.☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 08-1650.☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.☒ Any patent application processing fees under 37 CFR 1.17.Richard L. Fix  
Reg. No. 28,297

Date

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9-26-01



PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Claude FELL

Group Art Unit: 1723

Serial No.: 09/869,131

Filed: June 25, 2001

For: **BLOOD SEPARATION SYSTEM PARTICULARLY FOR  
CONCENTRATING HEMATOPOIETIC STEM CELLS**

PRELIMINARY AMENDMENT

BOX NON-FEE AMENDMENT  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Received by the Office of the  
Assistant Commissioner for Patents, Washington, D.C.,  
on September 26, 2001  
*[Signature]*

Dear Sir:

Prior to the calculation of fees and the examination of the above-identified application, kindly  
amend the application as follows:

AMENDMENT

In the Claims:

PLEASE SUBSTITUTE THE FOLLOWING CLAIMS 1 THROUGH 17 AND 20 THROUGH 22  
FOR THE PENDING CLAIMS 1 THROUGH 17 AND 20 THROUGH 22.

1. (Amended) A system for the processing and separation of biological fluids into components, comprising a set of containers for receiving the biological fluid to be separated and the separated components, and optionally one or more additional containers for additive solutions, and a hollow centrifugal processing chamber rotatable about an axis of rotation and having an axial inlet/outlet for the biological fluid to be processed and for the processed components of the fluid, the processing chamber containing an axially movable member which defines a separation space of variable size for receiving biological fluid, the member being axially movable to intake a selected quantity of biological fluid to be processed into the separation space via said inlet and to express processed biological fluid components from the separation space via said outlet, and means for monitoring the position of the axially movable member to thereby control the amount of intaken biological fluid and the expression of separated components, the system further comprising a distribution valve arrangement for establishing selective communication between the processing chamber and selected containers or for placing the processing chamber and containers out of